



REPLACEMENT SHEET

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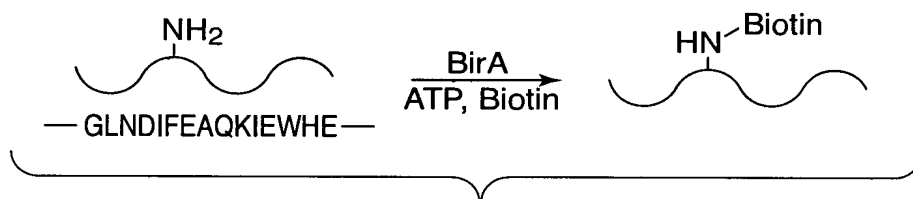


Fig. 1A

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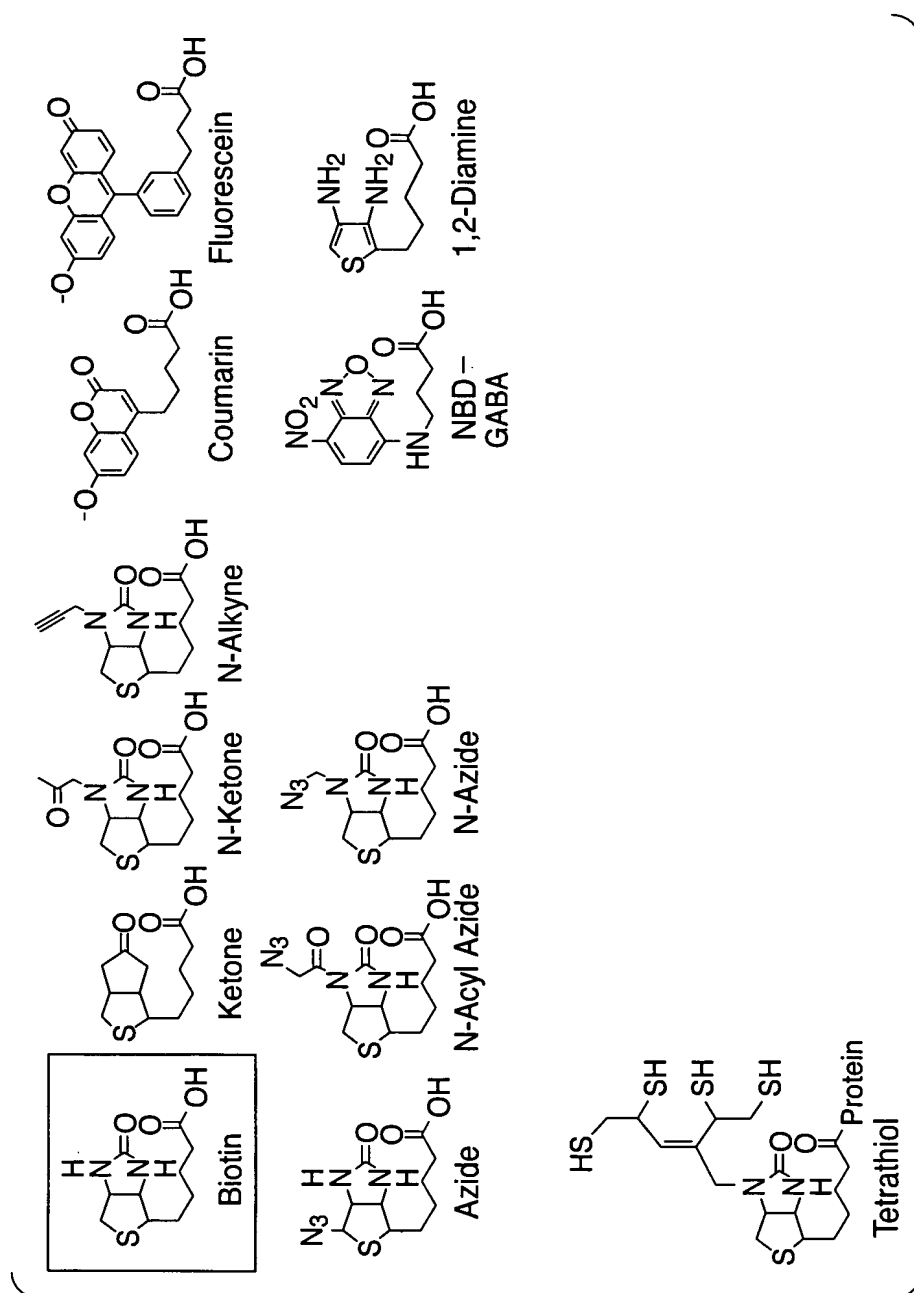
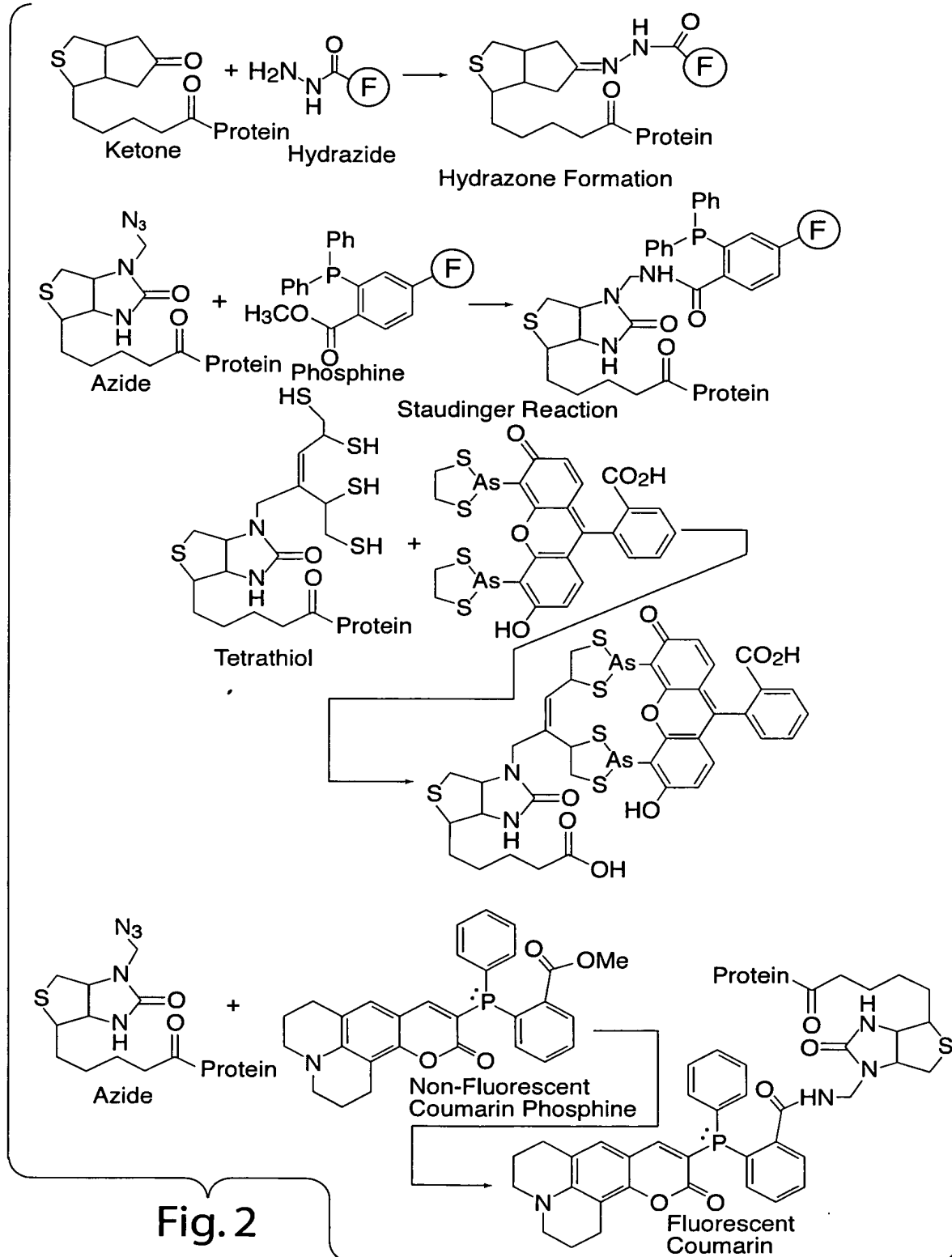


Fig. 1B

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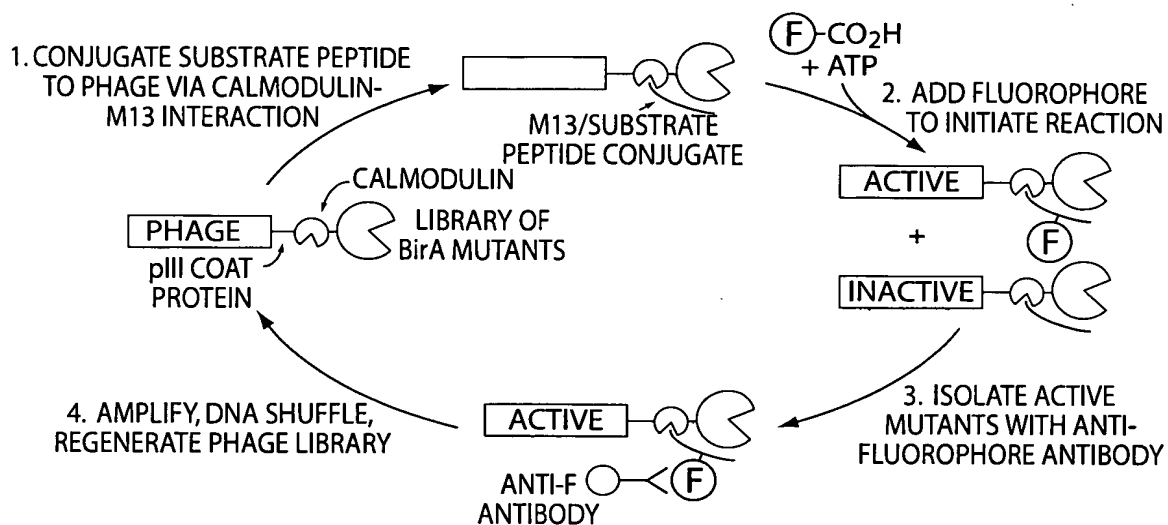


Fig. 3A

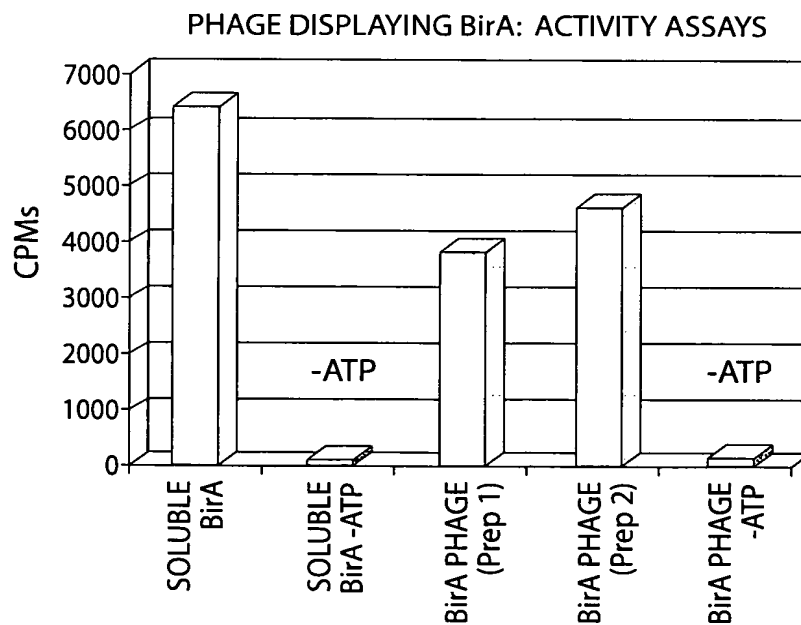


Fig. 3B

SYNTHESIS OF KETONE DERIVATIVE OF BIOTIN

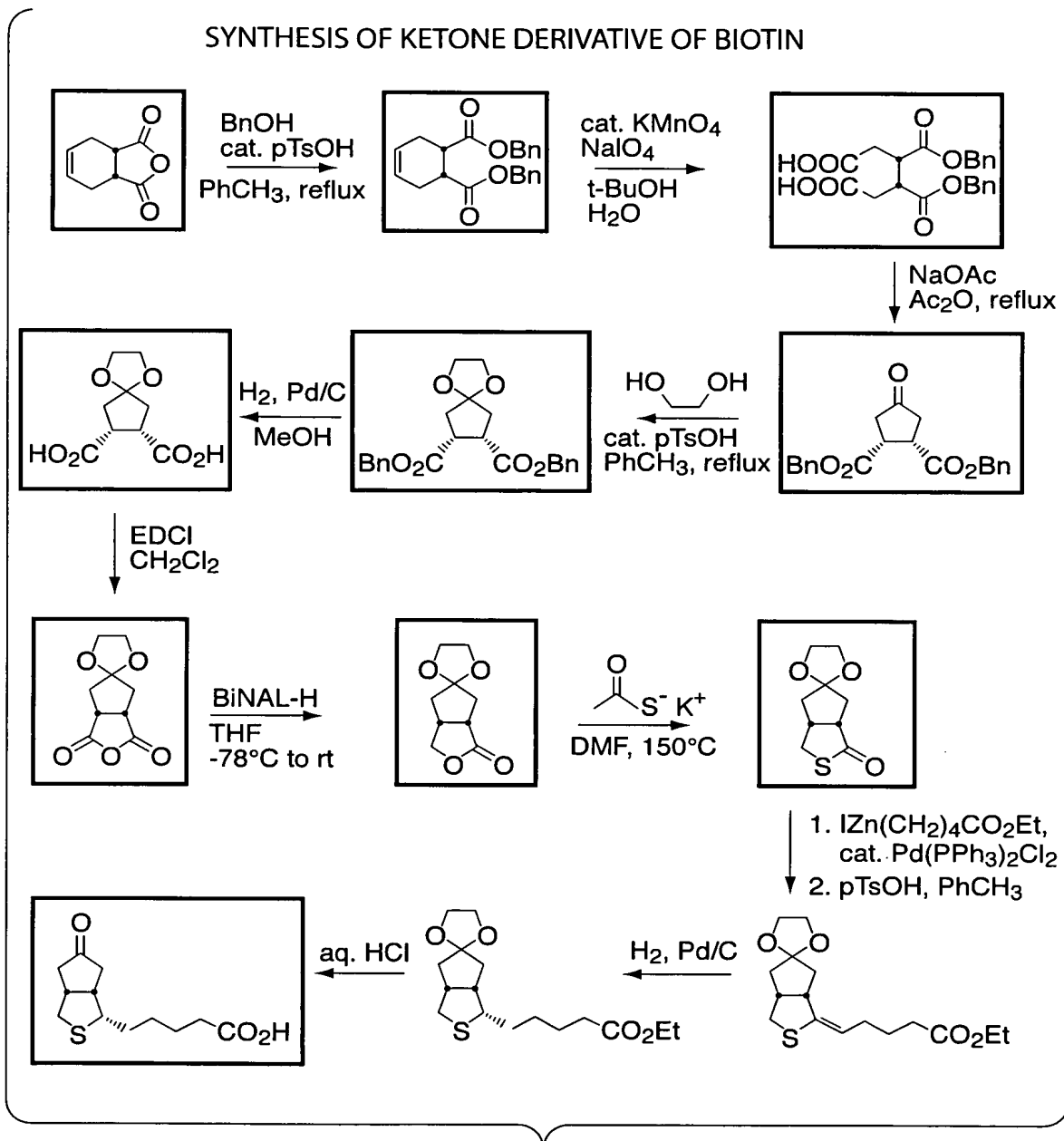
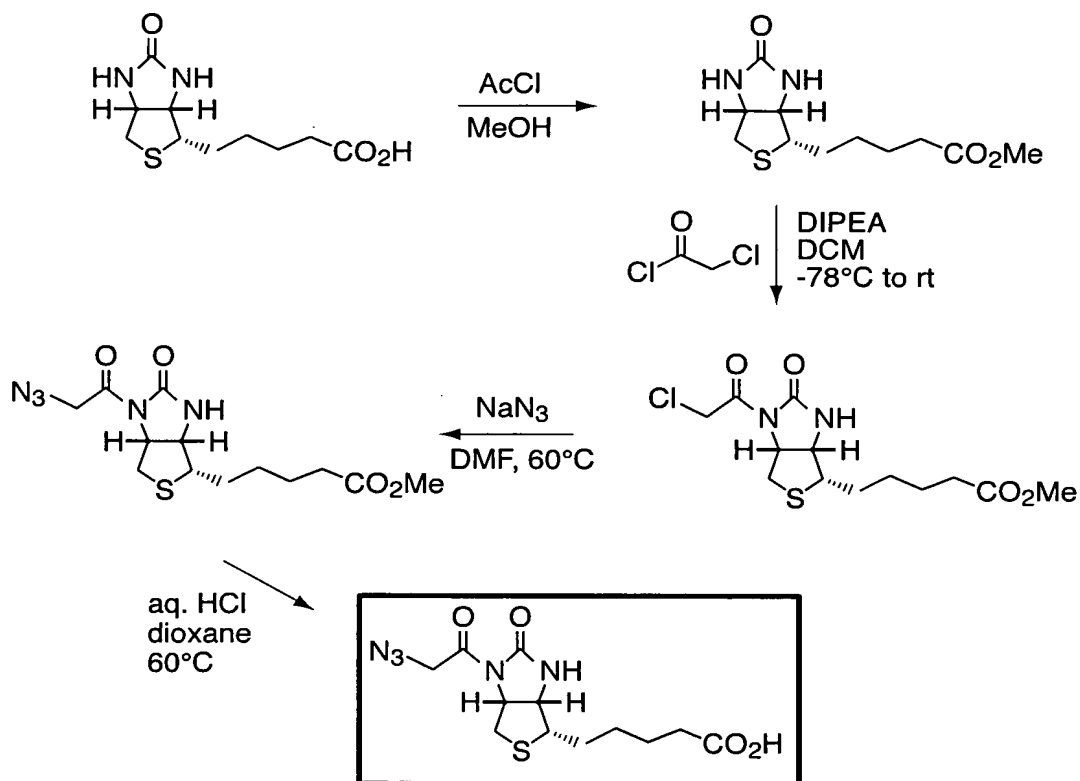


Fig. 4

SYNTHESIS OF AZIDE AND NBD DERIVATIVES OF BIOTIN

N-ACYL AZIDE



NBD-GABA

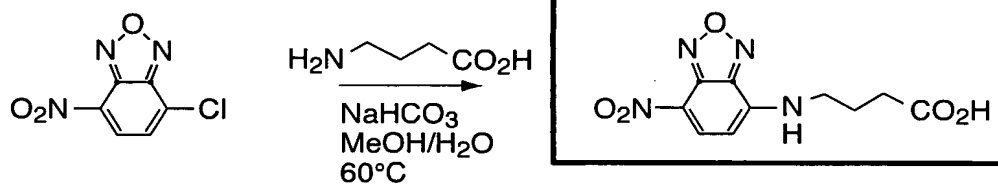


Fig. 5

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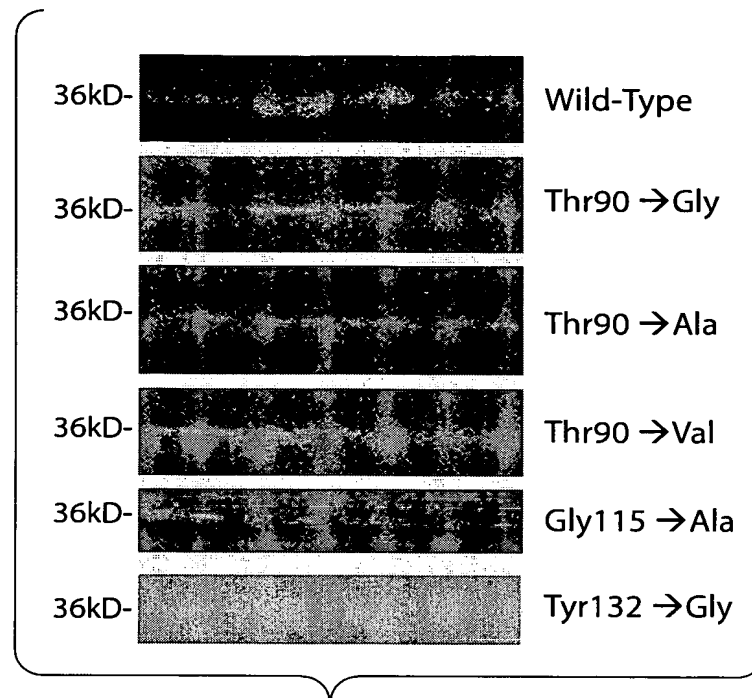


Fig. 6A

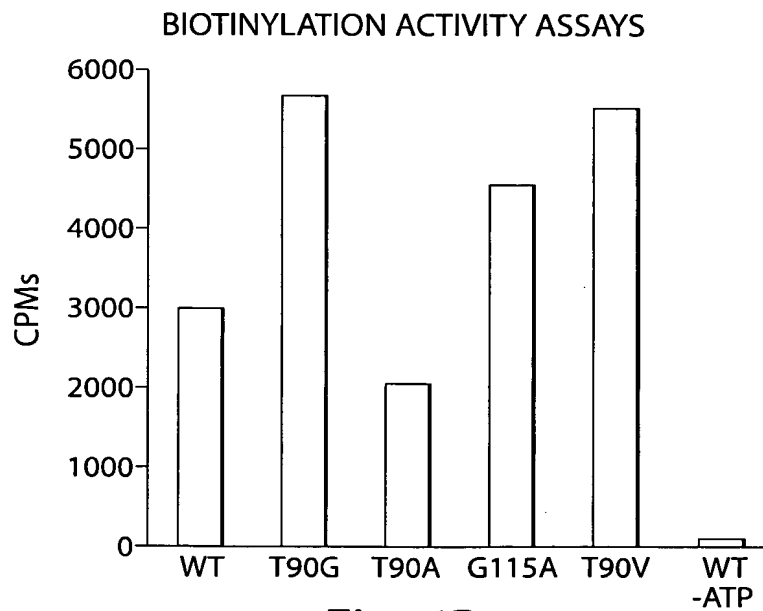


Fig. 6B

REPLACEMENT SHEET

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Q T L R D W G V D V F T V P G K G Y S L
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aaataa

K -

Fig. 7